H REPORT INTERNATIONAL SE

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PCT/SE 03/00109

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B60K 17/14, B62D 7/02, G05D 1/03
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B60K, B52D, G05D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, scarch terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Calegory*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5456332 A (BORENSTEIN), 10 October 1995 (10.10.95)	1-3,8-11, 14-16
Y		1-16
		:
X	US 3404746 A (R.A. SLAY), 8 October 1968 (08.10.68)	1-3,8-11, 14-16
Y		1-16
		
X	US 5924512 A (WADA), 20 July 1999 (20.07.99)	1-3,8-11, 14-16
Y		1-16
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χ	Further	documents	are listed	in the	continuation	of	Box	C.
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See patent family annex.

- Special categories of cited documente
- "A" document defining the general state of the art which is not considered to be of particular relevance
- earlier application or patent but published on or after the international filing date
- document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other
- document published prior to the international filing date but later than the priority date claimed
- later document published after the international filing date or priority date and not in conflict with the application but ented to understand the principle or theory underlying the invention
- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

1 April 2003

0 4 -04- 2003 Authorized officer

Name and mailing address of the ISA/ Swedish Patent Office

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C (Continu	ation). DOCUMENTS CONSIDERED TO BE RELEVANT	
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Y	US 3912037 A (KRIEG), 14 October 1975 (14.10.75)	1-16
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Information on patent family members

30/12/02

International appuration No.

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